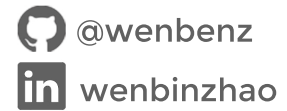




Ben Zhao



<http://wenbinzhao.com> | ben@wenbinzhao.com | 306-737-2773

EXPERIENCE

Front-End Developer - Pack Ants

SEPTEMBER - DECEMBER 2016

- Used JavaScript to speed up interactions by adding keyboard shortcuts
- Organized data presented in website to improve information readability
- Improved information accessibility by integrating quick access features into user interface

Developer and Manager - Asia Palace Restaurant

NOVEMBER 2015 - SEPTEMBER 2016

- Programmed and installed a POS system to save company over \$2000

Designer - BC Arthritis Care Network

AUGUST - SEPTEMBER 2015

- Led team to create a simple and intuitive UI for the alpha phase of an online platform using HTML and CSS

PROJECTS

Note Padd - QHacks Project (JavaScript)

<http://notepadd.net>

- Deconstructed paragraphs of input into sentences, words, and syllables to make data useable to other functions
- Created musical rhythms and flows by interpreting sentences and word lengths
- Mapped notes to syllables in iambic pentameter to create melody

WatRGoose - Local Hack Day Project

<http://wenbinzhao.com/watrgoose>

- Led a team in using Android Studio to build and ship an Android puzzle game in 12 hours, being the only team to complete and demo a project

Roman Glory - Java Console RPG

- Constructed classes for generating player and enemy characters, which was reused throughout project
- Implemented combat system which included armour, weapons, character stat scaling, blocking, and critical damage
- Modelled a system to scale enemies as the player levels up to maintain challenge and ensure an end to each game

AWARDS

Venture - Shad Entrepreneurship Cup

FIRST PLACE

- Prototyped a product, formulated a business plan, and gave a product pitch to a panel of judges

Robotics - UWaterloo Student Design Team

BEST CHASSIS

- Used Arduino programming and CAD to fabricate a robot which followed and played music from a tiled strip

Design Finalist - Code/Design to Win Challenge

FINALIST

- Designed and storyboarded the use of a user-friendly Android database-searching app in 2 hours
- Invented an app for amusement park staff to reunite lost children to parents which would be low-stress to the parent and child and cost-effective to the park

SKILLS

Dev:

C, C++, Java, Android,
Visual Basic, Racket,
Arduino, Git

Web:

HTML, CSS, Sass/SCSS,
JavaScript

EDUCATION

University of Waterloo

SEPTEMBER 2016 - PRESENT

Candidate for Honours
Bachelor of Computer
Science, Co-op

INTERESTS

Gaming
Design
Martial Arts
Humans vs Zombies
Improv
Guitar
Long walks on the beach